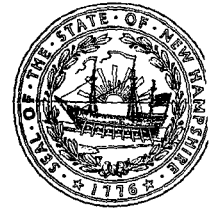




The State of New Hampshire  
**Department of Environmental Services**



**Michael P. Nolin**  
Commissioner

February 24, 2004  
**Letter of Deficiency**  
DSP#04-012

Mr. Mark Fisk  
B.G. & A. Corporation  
P.O. Box 308  
Plainfield, NH 03781

RE: Blow-Me-Down Brook Dam #196.04, Plainfield

Dear Mr. Fisk:

The Department of Environmental Services, Dam Bureau (DES) consistently strives to enhance the safety of dams in New Hampshire through its dam safety program. One of the many instruments that play a part in reaching this goal is our inspection program. DES is forwarding this correspondence to you to advise you that in accordance with RSA 482:12 and Env-Wr 502.02, an inspection of the subject dam was conducted on June 27, 2003. During this visual inspection and/or file review, the following deficiencies were observed:

1. There were trees and brush along the left and right abutments of the dam and within 10 feet of the toe of the dam;
2. There was a sediment buildup and vegetative growth along the upstream face of the dam, primarily along the left abutment of the dam;
3. There was significant leakage noted from at least three located on the downstream face of the dam;
4. The timber decking was deteriorated;
5. There was concrete deterioration along the upstream right training wall;
6. The dam cannot pass the 50-year storm event with one foot of freeboard. It is recommended that once brush removal has been accomplished that a followup inspection be performed to make measurements of the abutments of the dam. The hydrologic model will be reevaluated at that time; and
7. There is no operation and maintenance plan (O&M) on file with the DES.

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DES believes that the above deficiencies can be corrected by performing the following items by the indicated schedule:

**June 1, 2004:**

1. Remove the trees and brush along the left and right abutments of the dam and within 10 feet of the toe of the dam. Please notify this office when brush has been removed so that a followup inspection can be performed. Additional deficiencies may be identified once portions of the dam are uncovered;
2. Complete and O&M plan;

**December 2005:**

3. Replace the timber decking that is deteriorated and causing leakage through the dam in at least three locations on the downstream face of the dam;
4. Remove the sediment buildup and vegetation along the upstream face of the dam as required to perform timber replacement;
5. Repair the deteriorated concrete noted along the upstream right training wall;

**On a continuing basis:**

6. Monitor seepage through all areas of the downstream face of the spillway; and
7. Monitor stone work of the downstream face of the spillway for movement and fallen stones.


DES is requesting that you complete and submit the attached "Intent to Complete Repairs" form, within 30 days of receipt of this letter, that will provide for correction of the identified deficiencies by the date(s) indicated above. Please call or write to our office if the repairs are completed ahead of the aforementioned schedule so that DES may schedule a follow-up inspection. Unless notified otherwise, DES will conduct the follow-up inspection on or after the date(s) indicated above. If you believe changes to the items of work or dates are necessary, please make the changes directly on the form and provide a brief explanation. We have enclosed a self addressed stamped envelope for you to return this form.

Our intent in sending you this correspondence is to make you aware of items that DES believes warrant your attention to insure the continued safe operation of your dam. It is our hope that, through the submittal of the attached form and a commitment to keeping a well-maintained dam, you will voluntarily comply with the requested items of work. If we do not receive the intent form or a similarly adequate written reply, we will assume that you are in agreement with our findings and recommendations and DES will carry out follow-up inspections accordingly.

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If you have any questions or comments regarding this Letter of Deficiency or would like to be present at future inspections, please contact me at 271-3406, or write to the Water Division at the address listed on the bottom of the cover page.

Sincerely,

A handwritten signature in cursive script, reading "Grace E. Levergood", is written over the word "COPY".

Grace E. Levergood, P.E.  
Dam Safety Engineer

Attachments Guideline for an O&M plan, DB8, DB13

cc: Gretchen Rule✓

Town of Plainfield

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